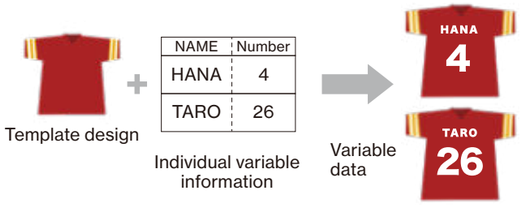
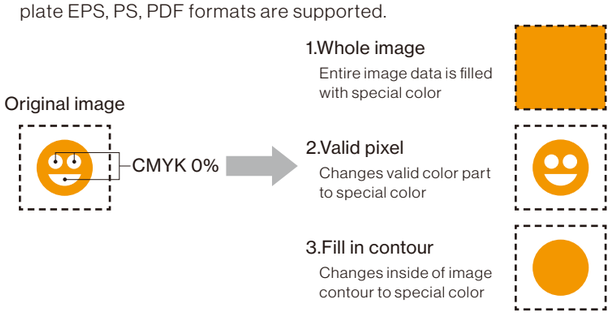
Raster Link 7

More useful and functional
Variable print function - one items in uniform



Special color plate generation

The new [Fill in contour] option for reliable operation in DTF print
Vector data and CMYK=0% object to be converted to special color plate EPS, PS, PDF formats are supported.



Mimaki Cloud Technology PICT

PICT allows users to monitor printer operation and ink usage remotely. It supports better planning by providing real-time data on operational status and performance.
PICT helps with scheduled maintenance and preparing for ink refills, ensuring smooth and efficient production.

Operate machines remotely
MRA
(Mimaki Remote Access)

List ink type, heater temperature, and notification alerts on a smartphone or Windows-based PC. The machine can be operated remotely with the same interface as the control panel of the actual machine.

Note:
Mimaki provides products including printers, ink, and RIP software.
Please consider the film, hot melt powder post-processing machine, and heat press transfer machine required for system configuration after sufficient
prior evaluation by the customer.

Specifications

		TxF300-75	TxF300-1600
Print head		On-demand piezo head	
Printing resolution		720 dpi, 1,080 dpi, 1,440 dpi	
Ink	Type / Color	Heat transfer pigment ink PHT50 (C, M, Y, K, W)	
	Capacity	600 ml Ink pack (500 ml only for white)	
Circulatory function		Only white	
Maximum drawing width		800 mm (31.5 inches)	1,610 mm (63.4inches)
Media	Maximum width	810 mm (31.9 inches)	1,620 mm (63.8inches)
	Thickness	1.0 mm or less	
	Roll weight	45 kg (99.2 lb) or less	
Interface		Ethernet 1000BASE-T, USB2.0 Hi-speed	
Power		Body: Single-phase AC 100-120 V/ AC 200-240 V ± 10%, 50/60 Hz ± 1 Hz x 1	
Power consumption		AC 100 V: 1 kW or less AC 200 V: 1.3 kW or less	AC 100 V: 1.3 kW or less AC 200 V: 1.75 kW or less
Certifications		VCCI class A, FCC class A, ETL IEC 62368-1, CE Marking (EMC, Low voltage, Machinery directive, and RoHS), CB, REACH, Energy Star, RCM, KC	
Dimensions (W×D×H)		1,965 × 700 × 1,392 mm (77.4 × 27.6 × 54.8 inches)	2,783×700×1,392 mm (109.6×27.6×54.8 inches)
Weight		126 kg (277.8 lb)	166kg (366.0 lb)

Ink specifications・Ink array

Heat transfer pigment ink for DTF: PHT50 specifications	
Ink name	PHT50
Ink color	5 colors (C, M, Y, K, W)
Packing form	Aluminum pack
Capacity	600 ml (C, M, Y, K) , 500 ml (W)
Certification	Eco Passport

Ink color set :

TxF300-75/TxF300-1600

C M Y K W W W W | W W W W

*With option installed

■Options

4-cartridge add-on: OPT-J0572

Increase the number of white ink cartridges from four to eight to allow for longer output lengths.

●Some examples shown in this catalog are artificial renderings.●Specifications, designs and dimensions shown in this catalog may be subject to change without notice for technical improvements.●The corporate and merchandise names in this catalog are the trademarks or registered trademarks of the respective corporations.●Inkjet printers use extremely fine dots, so colors may vary slightly after replacement of print heads.●Also note that when using multiple printer units, colors could vary slightly from one unit to another due to slight individual differences.●Please note that descriptions and data in this catalog are as of November 2024.

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Mimaki Global Network

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Brazil	MIMAKI BRASIL COMERCIO E IMPORTACAO LTDA	Indonesia	PT. MIMAKI INDONESIA
India	MIMAKI INDIA PRIVATE LIMITED	Australia	MIMAKI AUSTRALIA PTY. LTD.
Taiwan	MIMAKI ENGINEERING (TAIWAN) CO.,LTD.	China	SHANGHAI MIMAKI TRADING CO.,LTD.
Singapore	MIMAKI SINGAPORE PTE. LTD.	Thailand	MIMAKI (THAILAND) CO.,LTD.
Vietnam	MIMAKI VIETNAM CO., LTD.		

DB30353-03

For
TEXTILES &
APPAREL

Mimaki

Heat Transfer Inkjet Printer

TxF300 Series

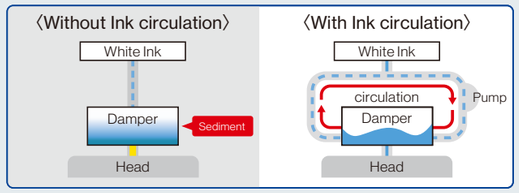
TxF300-1600 / TxF300-75

A safe and stable DTF Printer (Direct to Film) with Mimaki's core technologies

Because it is Mimaki

TxF300-1600/ TxF300-75, A DTF printer with Mimaki's core technologies for reliable production. Equipped with functions to support stable operation. Quality work can be easily performed by anyone, regardless of the skill level of the operator. We provide ongoing support for your work.

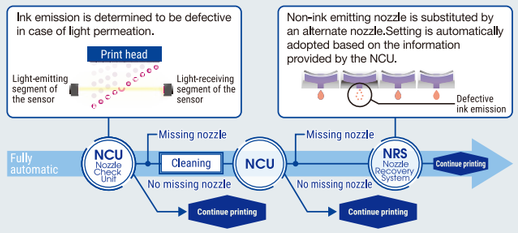
Mimaki's core technologies for stable operation



MCT Version2 (Mimaki Circulation Technology Version2)

Circulation through out ink route including damper*, supports stable white ink ejection for reducing frequent nozzle cleaning and ink waste.

*A filter above the head



NCU (Nozzle Check Unit)

A sensor detects nozzle defect and nozzle cleaning performed automatically to reduce the material waste.

NRS (Nozzle Recovery System)

Supports continous production without waiting for service personnel, when nozzle defect is unrecovereble by nozzle cleaning.

*The function may be limited by missing-nozzle position and amount

Secured safety - Mimaki genuine Heat transfer pigment ink PHT50*

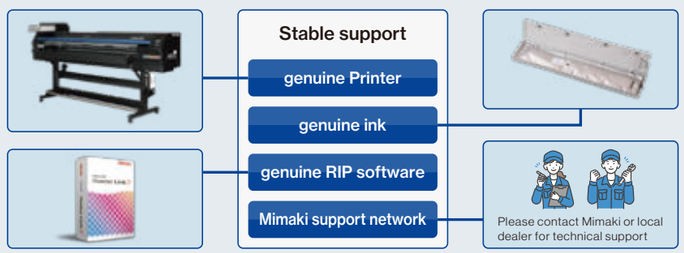
Alminum pack for degassed ink, implements stable ink ejection by reducing gas contamination of the ink and preventing nozzle defect. The use of plastic can be reduced compared to ink bottles, which also reduces environmental impact.

PHT50, Mimaki's first heat transfer pigment ink, has already acquired the "ECO PASSPORT" certification. ECO PASSPORT is an international standard for the safety of textile products. The "Eco Passport" is an international standard for the safety of textile products, and the safety of the ink is certified by a third-party organization. PHT50 is a safe and secure ink that reduces environmental impact.

*Environmentally friendly ink that meets the world's top safety standards

Secured safety Mimaki Brand

Mimaki for printer, ink and RIP software - One stop solution for printer, ink and RIP software provides the total support.



Productivity increases! Mimaki's Pro-model DTF printer

Pro-model DTF printer deliveres approx. 3 times productivity of its entry-model.
An even wider-pro-model joins the lineup, increasing its produtivity by additional 30%*1.
Expansion of custom T-shirts business is possible in a limited space!

*1 When using full-size DTF films.

Wider-Pro-model
TxF300-1600
Width:1,610mm
Large T-shirts 84 pcs/h
Production mode 720×720 6P 10.0 ㎡/h

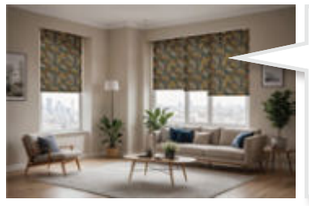
Pro-model
TxF300-75
Width:800mm
Large T-shirts 62 pcs/h
Production mode 720×720 6P 7.5 ㎡/h

Entry-model
TxF150-75
Width:800mm
Large T-shirts 22 pcs/h
Production mode 720×720 10P 2.6 ㎡/h

*Print condition：H 280 mm x W 360 mm print graphics are printed on W 800 mm DTF film side by side

A wider print size, widers your application

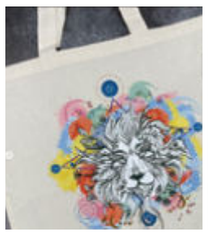
Larger print width further expands the application possibility.
In addition to custom wear print on T-shirts and bags, it allows printing on interior fabrics, such as curtains and floor mats.
DTF, it creates original design on dark- colored fabrics.



Example of uses Enable to decorate various fabric by one DTF print system

T-shirt (Cotton)

Sportswear (Polyester)


Tote bag (Cotton)

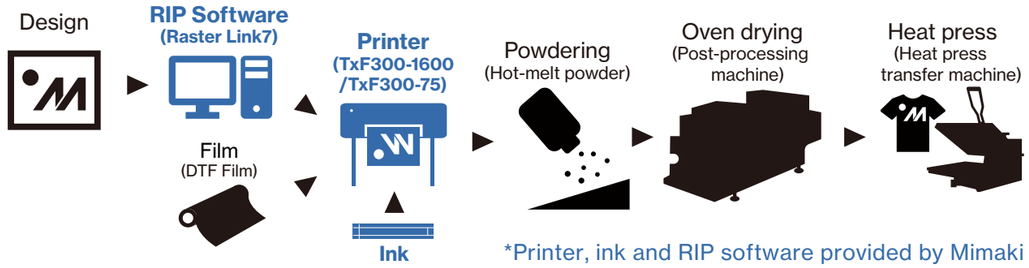
Windbreaker jackets (Nylon)

Knapsack (Polyester)

What is DTF?

A printing method which prints directly on DTF film, sprinkles hot-melt powder, which is then heated and dried to form transferable ink layer. The ink layer is heat-pressed and transferred to a fabric such as T-shirt.

*We offer our product in printer, ink and RIP software. Please contact local Mimaki distributors about DTF film, hot-melt powder, powder shaker, post-processing machine and heat press transfer machine.



*Printer, ink and RIP software provided by Mimaki